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DOB-1A

ARTIFICIAL SYSTEM FOR VISION AND THE LIKE

ABSTRACT

An artificial system for vision and the like, in which a camera views an object and creates signals corresponding thereto which are conveyed to the nervous system of the subject and produce corresponding sensations such as phosphenes in the subject's nervous system, in which observation, control and improvement of the system is achieved by providing the subject with means, such as a laser pointer, so that the supervisor can determine at any given moment where the subject is "looking", and using a note-book computer to energize electrodes corresponding to phosphene positions in the subject's brain and using the output of that sub-notebook to create a visual representation of what the camera "sees".